

STATE BUILDING CODE INTERPRETATION NO. 94-01

CODE:	1994 Washington State Energy Code, First Edition - Nonresidential				
SECTION:	Section 1323.3				
QUESTION:	For nonresidential occupancies component performance approach, what Solar Heat Gain Coefficient (SHGC) are you required to use if your glazing area exceeds the maximum area allowed on Table 13-1 or 13-2?				
ANSWER:	Mathematically, you can structure the equation to solve for the SHGC. The maximum SHGC allowed is equal to the maximum glazing area percentage allowed in the table, multiplied by the SHGC allowed in the table for that glazing area percentage, divided by the proposed glazing area percentage.				
For Example:	Table Glazing Area (%)		Table SHGC		Target SHGCA
	0.40	x	0.45	=	0.18
	Target SHGCA		Proposed Glazing Area (%)		Max Allowed SHGC
	0.18	÷	0.47	=	0.38
SUPERSEDES:	None				
REQUESTED BY:	Seattle Department of Construction and Land Use				

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